

**--SUMMARY OF THE INVENTION--**

Page 11, before line 7, please insert

**--BRIEF DESCRIPTION OF THE FIGURES OF THE DRAWINGS--**

Page 11, before line 18, please insert

**--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--**

**IN THE CLAIMS:**

Please amend Claims 4, 5, 6 and 7 as follows:

4. (Amended) Process according to Claim 2, characterized in that said reaction gas mixture successively encounters said first inert porous material, said catalytic bed and said second inert porous material within a vertical cylindrical reactor, the ends of which are filled with one or other of said inert porous materials and the central part of which is filled with said catalytic bed, and in that the reactor is fed in alternate mode in the following way:

i) the reaction gas mixture is introduced in the lower part of the reactor and the mixture comprising the hydrogen and the CO is collected at the upper part of the reactor, or

ii) the reaction gas mixture is introduced in the upper part of the reactor and the mixture comprising the hydrogen and the CO is collected at the lower part of the reactor,

Sub B1